



[Name of document] Abstract

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[Problem] It is an object to provide a propulsion apparatus having an improved efficiency and an excellent durability.

[Solution] In a range encompassed by an inner wall having a shape of circle locus which is a predetermined, a rotating body 8 is provided for being rotated compulsory around the same axis as the circle locus. In the rotating body 8, a moving body 12 is provided so as to move in a direction of transverse axis of a rotating center. The moving body 12 has a pair of weights at both ends thereof. A diameter of the circle locus and a reach of the rotating body is set at the ratio of 10 to 9. At a surface of the inner wall, there is a swelling wall 14 as a guide member protruding within the predetermined rotating range around the circumference thereof continuously in a gradual curve. While a weight 11 (11A) rotates along the swelling wall 14, the moving body 12 is returned by centrifugal force. When the moving body 12 passes P3, a positional relationship between the farther weight 11 (11A) and the closer weight 11 (11B) from the center is changed. It should be noted that P3 indicates a point where the diameter of the circle locus and a return distance of the moving body from the swelling wall is set at the ratio of 10 to 0.5.

[Selected drawing] Fig. 3